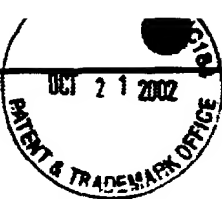


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Form PTO-1449

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/677,304
Filing Date	September 29, 2000
First Named Inventor	2834Yukihisa TAKEUCHI
Art Unit	2834
Examiner Name	Dougherty, T.
Confirmation No.	2413
Attorney Docket No.	789_056 RCE

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
TMD	4,805,057	02/14/1989	Ogawa et al.		360	109	4/22/1987

## U.S. COPENDING APPLICATIONS

Exam. Initial	Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation	Abstract

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)


Examiner: Thomas M. Dougherty	Date Considered: July 16, 2003
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

US DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**U.S. COPENDING APPLICATIONS**

Exam. Initial	Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
TMB	10/281,373 (claims only)	10/25/2002	Takeuchi et al.	789_055 DIV		

**FOREIGN PATENT DOCUMENTS**

Document Number	Date	Country	Class	Sub Class	Translation	Abstract

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Examiner:

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